



भारत का राजपत्र

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[इस भाग में भिन्न पुष्ट संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)]

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 13th December 1997

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पेटैंट कार्यालय
एकत्र सभा अधिकार्य
कलकत्ता, दिनांक 13 दिसम्बर 1997

पेटैंट कार्यालय शाखा,
 दिनांक (सी-4, ए)
 तीसरा तल, शजाहारी भवन ब्रह्मपुर शहर,
 बैलोइ-600090।

पेटैंट कार्यालय के कार्यालयी के लिए एवं अधिकारीकार
 पेटैंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है
 तथा भूमध्य, विल्सो एवं चैलॉर्ड में इसके शाखा कार्यालय हैं,
 जिनके प्रादीपिक अधिकारी जोन के आधार पर निम्न रूप में
 अवस्थित हैं :—

पेटैंट कार्यालय शाखा, टांडी इस्टेट,
 तीसरा तल, लौअर परदेश (ए.),
 गैर्डन्स-400 013.

पृष्ठरात, ब्रह्मपुर, ब्रह्म प्रदेश
 तथा गोदारा राज्य द्वारा एवं संच
 यापित संच, बग्न तथा दीद एवं
 दादर और नगर हवेली।

तार पता—"पेटैंटफिल्स"

पेटैंट कार्यालय शाखा,
 एकड़ म. 401 से 405, तीसरा तल,
 नगरपालिका बाजार भवन,
 सरस्वती बाग, करोल बाग,
 नई विल्सो-110 005.

हारिहारा, हिमाचल प्रदेश, अमृ
 तथा कश्मीर, पंजाब, राजस्थान,
 उत्तर प्रदेश तथा विल्सो राज्य
 संघ एवं संघ यापित संघ अंडीगढ़।

तार पता—"पेटैंटफिल्स"

ब्रह्म प्रदेश, कर्नाटक, केरल, हिमाचल प्रदेश
 तथा पार्श्वजंगली राज्य क्षेत्र एवं
 संघ यापित क्षेत्र, लक्ष्मणपुर, मिसिसिप्पी
 तथा एमिनिटिवी द्वीप।

तार पता—"पेटैंटफिल्स"

पेटैंट कार्यालय (प्रधान कार्यालय)
 पिंजोम पैलेस, विश्वतीय इन्हुतीय कार्यालय
 भवन, 5, 6 तथा 7वाँ तला,
 234/4, जगदीश बोस भार्गा,
 कलकत्ता-700 020.

भारत का उद्योग संघ।

भारत - "पेटैंट्स"

पेटैंट अधिकारीय, 1970 मा पेटैंट नियम, 1972 में
 अप्रीक्षित सभी आवेदन-पत्र सञ्चालन, विधरण या अन्य प्रवृत्ति पेटैंट
 कार्यालय के क्षेत्र उपर्युक्त कार्यालय अवस्थित है, उस रथान
 के अन्तर्गत एक से नियन्त्रक को भूगत्तान योग्य बैंक हाउस विधवा
 चैंक द्वारा की जा सकती है।

प्रत्येक शूल्क की अद्यायगी या तो नकद की जाएगी अथवा
 उपर्युक्त कार्यालय में नियन्त्रक को भूगत्तान योग्य धनांश विधवा
 या आदेश या जहाँ उपर्युक्त कार्यालय अवस्थित है, उस रथान
 के अन्तर्गत एक से नियन्त्रक को भूगत्तान योग्य बैंक हाउस विधवा
 चैंक द्वारा की जा सकती है।

CORRIGENDUM

In the Gazette of India, Part-III, Section-2, dated the 11th October, 1997 in page-1428, Col.-2, for application for Patent No. 128/Bom/96 filed on 8th March, 1996, road the accepted No. as 179497 instead of 179494.

APPLICATION FOR THE PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGDISH BOSE ROAD, CALCUTTA-20.

The dates shown in the crescent bracketed are the dated claimed under section 135, Patent Act, 1970.

27-10-1997

2012/Cal/97. Philips Electronics N. V., "Battery size adaptor for portable apparatus". (Convention No. No. 9622611.3 on 30-10-96 in Great Britain).

2013/Cal/97. Mithilesh Kumar Sharma and Steel Authority of India Ltd., "An improved leveller for levelling and compacting the top layer of the coal blends charted into a coke oven".

2014/Cal/97. Eli Lilly and Company, "Methods of preventing breast cancer". (Convention No. 60/029,850 on 30-10-96; 60/040,260 on 10-3-97 in U.S.A and 9624800.0 on 29-11-96 in Great Britain).

2015/Cal/97. Eli Lilly and Company, "Improvements in or relating to the prophylaxis of breast cancer". (Convention No. 60/029,850 on 30-10-96; 60/040,260 on 10-3-97 in U.S.A, and 3624800.0 on 29-11-96 in Great Britain).

2016/Cal/97. Eli Lilly and Company, "Synthesis of benzo (F) quinolinones". (Convention No. 60/027,868 on 30-10-96 in U.S.A.).

2017/Cal/97. Elcor Corporation, "Hydrocarbon gas processing". (Convention No. 08/738,321 on 25-10-96 in U.S.A.).

2018/Cal/97. W. Schlafhorst AG & Co., "A bobbin changing and transporting device". (Convention No. P 19646337.8 on 9-11-96 in Germany).

2019/Cal/97. W. Schlafhorst AG & Co., "Textile machines for manufacturing cheese winders". (Convention No. P 19646564.8 on 12-11-96 in Germany).

2020/Cal/97. W. Schlafhorst AG & Co., "Procedure for the production of a spinning cop in a spinning can device". (Convention No. P 19650461.9 on 5-12-96 in Germany).

2021/Cal/97. W. Schlafhorst AG & Co., "Pot spinning device". (Convention No. P 19650598.4 on 6-12-96 in Germany).

- 2022/Cal/97. Vinect Krishna Rohtagi, "An electronic semaphore".
- 2023/Cal/97. Rubbermaid Commercial Products Inc., "Refuse container-with roll-back lid". (Convention No. 08/827,603 on 28-3-97 in U.S.A.).
- 2024/Cal/97. Rubbermaid Incorporated, "Reinforced blow molded refuse container and method of manufacture thereof". (Convention No. 08/823,211 on 24-3-97 in U.S.A.).
- 2025/Cal/97. Shyam K. Verma; Manuel S. Mekhjian; George R. Sandor; Philip J. Boon, "Corrosion inhibiting solutions and processes for refrigeration System". (Convention No. 60/053,099 on 25-7-97 and Nil on 6-10-97 in U.S.A.).

ALTERATION OF DATE UNDER SECTION-16.

- 179791 (722/Del/90) filed on 16-7-1990. Ante dated to 13-1-1987.
- 179793 (767/Del/90) filed on 30-7-1990. Ante dated to 17-3-1987.
- 179794 (812/Del/90) Filed on 13-08-90. Ante dated to 27-07-87.
- 179793 (933/Del/90) Filed on 21-09-90. Ante dated to 21-09-90.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

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स्वीकृत सम्पूर्ण विनियोग

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेट अनुशासन के विरोध करने के इच्छुक वर्ग क्षमिता, इसके मिर्ग को तिथि से चार (4) महीने या अधिक एसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेट नियम, 1972 के सहर विहित प्रपत्र 14 पर आवंटित एक महीने की अवधि में अधिक न हो, के भीतर कभी भी

नियंत्रक, एकस्वरूप कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित अवसर्व उक्त सूचना के साथ अभ्यास पेटेट नियम, 1972 के नियम 36 में यथा विहित इसको तिथि के एक महीने के भीतर ही काइल किए जाने आहिए।

"प्रत्येक विनियोग के संदर्भ में नीचे दिए वर्णीकरण, भारतीय वर्णीकरण तथा अन्तर-राष्ट्रीय वर्णीकरण के अनुरूप हैं।

रूपांकन (चित्र आरेखों) की जांच प्रतियां यदि कोई हो, के साथ विनियोगों की अंगीकृत अवधि कोटि प्रतियां की आपूर्ति पेटेट कार्यालय, कलकत्ता अध्याता उपयोग कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र अवलोकन द्वारा सनिष्ठता करने के उपरांह उसकी अवायगी पर की या सकती है। विनियोग की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनियोग के सामग्री नीचे वर्णित चित्र आरेख कागजों को जारीकर उस 2 से गणा करके, (क्रमीकृत प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फॉटो सिपान्तरण प्रभार का परिकलन किया जा सकता है।

Ind. Cl.: 84A.

108B₂

179791

Int. Cl⁴ : C21B 11/00.

"APPARATUS FOR THE PRODUCTION OF MOLTEN PIG IRON".

Applicant : VOEST-ALPINE INDUSTRIENLAGENBAU GESELLSCHAFT AN AUSTRIAN COMPANY, OF 44 TURMSTRASSE, A-4020 LINZ, AUSTRIA.

Inventors : (1) LUDWIG VON BOGDANDY,
(2) WERNER KEPPUNGER,
(3) KURT STIFT,
(4) GERO PAPST,
(5) ROLF HAUKE

Application for Patent No. : 722/Del/90 filed on 16-7-1990.
Ante dated to 13-11-1987.

Divisional to Patent No. 974/Del/87, filed on 13-11-1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

(Claims : 3)

Apparatus for the production of molten pig iron with the selective generation of top gas in an amount to meet the energy requirements of a combined gas and steam turbine generation plant which comprises :

a direct reduction shaft furnace having a first supply means located at the top of said furnace for charging lumpy iron ore thereto;

a second supply means connected to Mid shaft furnace for the introduction of reduction gas into said shaft furnace;

a first discharge means connected to said shaft furnace for discharging from said shaft furnace sponge Iron formed as the reduction product therein;

a second discharge means located in the upper part of said shaft furnace for the discharge therefrom of top gas generated therein to the combustion chamber of the gas turbine unit of a combined gas steam turbine power generation plant;

a meltdown gasifier connected to said shaft furnace through said first discharge means for discharging sponge iron from said shaft furnace into said gasifier;

a third supply means connected to said gasifier for supplying oxygen-containing gases and a carbon carrier charge thereto; and tap means, such as tap holes, in said gasifier for tapping molten pig iron and slag;

characterized in that said third supply means is connected to said gasifier for supply of carbon carrier charge which comprises at least two coal reservoirs, at least one reservoir supplying coal having a high Cfix portion and at least one reservoir supplying coal having a low C fix portion said second discharge means in the upper part of said shaft furnace for the discharge of top gas being provided with a branch duct incorporating a control valve for delivering a portion of said top gas to the combustion chamber of a heat exchanger of the steam turbine unit of said combined gas and steam turbine power generation plant.

(Compl. Specns. : 21 pages;

Drgns. : 1 Sheet)

Ind. Cl. : 29A 179792
Int. Cl.⁴ : II042 5/00.

AN ELECTRONIC DEVICE FOR HIGH SPEED PEEK TO PEER DATA COMMUNICATION.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFT MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors :

- (1) KAVURI CHANDRA SEKHARA MURTY
- (2) SUKHPAL SINGH SAINI
- (3) RAJVEER SINGH SEKHAWAT
- (4) SATISH KUMAR DIXIT
- (5) TRIDEV RANJAN SHARMA.

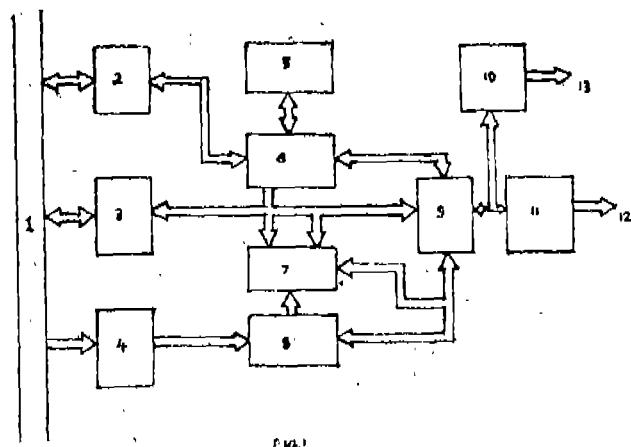
Application for Patent No. 764/DEL/90 filed on 27-7-1990.

Complete left after Provisional filed on 27-7-1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

2 Claims

An electronic device for high speed peer to peer data communication, which comprises a token access controller (9) having a serial input/output connected to a manchester encoder and a frequency shift keying modem (11) having a coaxial cable (12) output for noise free data communication, the input/output of the token access controller (9) optimally connected to a twisted pair cable (13) through an interface (10), the said token access controller (9) also provided with separate address, data and control buses, the address bus connected to a dual port memory (7) directly and through a selector (8) for message read/write, the selector (8) connected to n multibus back plane (1) through an address buffer (4), the databus of the token access controller (9) connected directly to the dual port memory (7) and to the multibus backplane (1) through a data buffer (3), the control bus of the token access controller (9) being connected to an arbiter (6) to resolve contention of access by multi bus (1) and token Access Controller (9), the arbiter (6) being connected to multibus backplane (1) through a control buffer (2) and directly to the memory (7), the arbiter (6) also connected to a timing generator (5) for synchronising the read/write operation of the dual port memory (7).



(Prov. Specn. 6 pages; Drwng. sheet 1)
(Comp. Specn. 10 pages; Drwng. sheet Nil.)

Ind. Cl. : 40F 179793
Int. Cl. C01B, 31/12.

A PROCESS FOR TREATING A SOLID CARBON SURFACE OR SUPPORT FOR IMMOBLISING COENZYME THEREON.

Application for Patent No. 767/DEL/90 filed on 30-7-1990 CORPORAETION OF INDIA (A GOVERNMENT OF INDIA ENTERPRISE), 20-22 ZAMROODPUR COMMUNITY CENTRE, KAILASH COLONY EXTENSION, NEW DELHI-110 048, INDIA.

Inventors :

- (1) RATNA SURESH PHADKE
- (2) HARIPAL SINGH MURLISING
- (3) GIRIESH GOVIL,

Application for Patent No. 767/DEL/90 filed on 30-7-1990.

Ante dated to 17-3-1987

Divisional to Patent Application No. 222/DEL/87 filed on 17-3-1987.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

6 Claims

A process for treating a solid carbon surface/support for immobilising coenzymes therein for the use in biomolecular electronics or biobatteries as a diode comprising in oxidizing the solid carbon surface/support to convert the said surface into carboxyl groups in a manner as herein described, subjecting said surface to the step of reduction for reducing said carboxyl groups into alcoholic groups, subjecting the reduced surface to the step of bromination and then converting it to triphenyl phosphonium derivative to get the treated carbon surface/solid.

(Compl. Specn. 9 pages; Drwng. sheet 1)

Ind. Cl. : 32 F (3a) 179794
Int. Cl.⁴ : C 07 C 27/12.

A PROCESS FOR THE PREPARATION OF ETHYLENE OXIDE.

Applicant : SHELL INTERNATIONALE RESEARCH MAATSCHAPPI B.V., A NETHERLANDS COMPANY, OF CAREL VAN BYLANDTLAAN, 30, 2596 HR THE HAGUE, THE NETHERLANDS.

Inventor : GOSSE BOXHOORN.

Application for Patent No. 812/DEL/90 filed on 13-08-

Ante-dated to 27-07-1987.

Divisional to Patent Application No. 637/DEL/87 filed on 27-07-87.

"Convention data : 28-07-86/8618326/UK,

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

2 Claims

A process for the preparation of ethylene oxide which comprises subjecting ethylene in any known manner to oxidation in the presence of a silver-containing catalyst characterised in that said silver containing catalyst comprises :—

- (a) from 1 to 23 per cent by weight of silver, calculated on the total catalyst weight, on the surface of the carrier,
- (b) an alkali enriched and tin modified alpha-alumina carrier.

(Compl. Specn. 16 pages;

Drwng.

Nil.;

179796

Ind. Cl. ; 35E

Int. Cl.⁴ : C04B 35/58.

AN IMPROVED FOR THE PREPARATION OF SHORT CERAMIC FIBRES OF Al_2O_3 AND NITRIDES OF ALUMINIUM AND SILICON.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI. OF 1860).

Inventors :

- (1) CHAMARTHY BUTCHI RAJU
- (2) JOSE JAMES
- (3) TADIMETI CHAKRAPAN RAO.

Ind. Cl. : 32F 179795
Int. Cl.⁴ : C 08F, 210/06.

A PROCESS FOR THE MANUFACTURE OF COPOLYMER PROPYLENE,

Applicant : BP CHEMICALS LTD., A BRITISH CO., OF BELGRAVE HOUSE 76 BUCKINGHAM PALACE ROAD, LONDON SW1W OSU, ENGLAND.

Inventors :

- (1) JEAN-CLAUDE ANDRE BAJLLY
- (2) LOUIS BORDERE,

Application for Patent No. 820/DEL/90 filed on 16-8-1990.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

7 Claims

In a process for the manufacture of copolymer of propylene containing, by weight, from 20% to 80% of propylene and from 80% to 20% of ethylene and/or of 1-butene and optionally of one or more alpha-olefins containing from 5 to 12 carbon atoms comprising using a catalyst of Ziegler-Natta type prepared in a manner described hereinbefore and comprising a magnesium dichloride support with titanium tetrachloride impregnated thereon, the said support consisting of 80 to 99.5 mol % of magnesium dichloride and from 0.3 to 20 mol % of an electron donor compound free from labile hydrogen D, and being in the form of spherical particles which have a mass-mean diameter of 5 to 100 microns and a particle size distribution such that the ratio of the mass-mean diameter, D_m , to the number-mean diameter D_n is lower than 2;

characterised in that said process comprises (1) in a first stage a prepolymerization performed by bringing propylene optionally mixed with ethylene and/or an alpha-olefin containing from 4 to 12 carbon atoms, containing at the start of the prepolymerisation at least 8mol% of propylene into contact with a catalyst system comprising said catalyst and a catalyst selected from alkyl aluminium of general formula AlR_3 in which R is an alkyl radical containing from 1 to 8 carbon atoms, and/or an alkyl aluminium

halide of general formula $\text{AlX}_n\text{R}_{3-n}$ in which X is a chlorine or bromine atom, R an alkyl radical containing from 1 to 8 carbon atoms and n an integral or fractional number equal to or higher than 0.5 and lower than 3;

and (2) in a second stage a gas phase copolymerization reaction carried out by bringing the prepolymer prepared in said first stage into contact with a mixture comprising propylene, ethylene and/or 1-butene and optionally an alpha-olefin containing from 5 to 12 carbon atoms in a proportion such that the propylene represents from 20% to 80% by volume of the olefins to be copolymerized.

(Compl. Specn. 30 pages;

Drwng. sheet Nil.)

Ind. Cl. ; 35E

179796

Int. Cl.⁴ : C04B 35/58.

AN IMPROVED FOR THE PREPARATION OF SHORT CERAMIC FIBRES OF Al_2O_3 AND NITRIDES OF ALUMINIUM AND SILICON.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI. OF 1860).

Inventors :

- (1) CHAMARTHY BUTCHI RAJU
- (2) JOSE JAMES
- (3) TADIMETI CHAKRAPAN RAO.

Application for Patent No. 836/DEL/90 filed on 20-08-1990.

Complete left after provisional filed on 23-1-1991.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

6 Claims

An improved process for the production of short ceramic fibres of Al_2O_3 and nitrides of Aluminium and Silicon which comprises of adding an aluminous material such as here in described to fly ash a waste from the thermal power plant, pelletising the mixture by conventional methods, heating the resultant pellets to a temperatures in the range of 1000—1400°C under reducing and nitriding atmosphere for a period ranging from 10 minutes to 8 hours and the resultant fibres are purified by conventional methods.

(Prov. Specn. 4 pages;

Drwng. sheet Nil.)

(Compl. Specn. 11 pages;

Drwng. sheet Nil.)

Ind. Cl. : 140A

179797

Int. Cl.⁴ : B67B 7/00.

INTERFACE DEVICE FOR ISOLATING A GEAR CASE FROM AN ARMATURE BEARING COLLAR.

Applicant : CAROL ANN MACKAY AND HALEN LOU KURTZ, BOTH OF 51 WEST SARNIA STREET, WINONA, MINNESOTA 55987 U.S.A.

Inventors :

- (1) RICHARD JOHN RENK
- (2) RICHARD MILLON EBERT.

Application for Patent No. 854/DEL/90 filed on 23-08-1990.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

17 claims

An interface device for isolating a gear case (10) from an armature bearing collar (29) wherein said gear case has a retaining channel provided with a bottom (25) and side walls (20, 21), said device comprising:

a base (52) for insertion into said channel a contact means (53) cooperating with said base (52) for engagement with, said collar (29), connecting means (54) provided between said contact means (53) and said base (51) for securing said contact means to said base, said connecting means (54) being of less cross-sectional width than said base (52), and biasing means (56) for urging said contact means (53) toward said collar (29).

(Compl. Specn. 16 pages Drwngs. sheets 3.)

Ind. Cl. : 40 B 179798,

Int. Cl⁴ : C10M 3/02.

A PROCESS FOR THE PRODUCTION OF SYNTHETIC LIQUID FULLS HAVING 62-69.0% MIDDLE DISTILLATE FRACTION OF C₅ BY THE TREATMENT OF SYNTHESIS GAS OVER AN IRON CATALYST.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT* (ACT XXI OF 1860).

Inventors :

- (1) SAMIRAN BABU,
 - (2) GORACHAND NANDI
 - (3) SATYA BRATA. BABU
 - (4) UIJAL BHATTACHARIEE
 - (5) VATADAHOSAHALLi ASWATHANARANAPPA KRISHNAMURTHY
 - (6) REZAUL HAQUE.

Application for Patent No. 933/DEL/90 filed on 21-9-90
divisional to patent application No. 733/DEL/89 dated 21-9-
1990

Appropriate Office for Opposition Proceedings (Rule 4
Patents Rules, 1972) Patent Office Branch, New Delhi-
110005.

2 Claims

A process for the production of synthetic liquid fuels having 62—69.0% middle distillate fraction of C₃ by the treatment of synthesis gas over an iron catalyst, which, comprises purifying synthesis gas and adjusting H₂ to CO ratio in the range of 15-1.8, compressing the synthesis gas to a process in the range of 10—20 kg/cm³, heating the compressed synthesis gas to a temperature around 150°C, and passing over an improved iron catalyst, having a composition Fe: Cu: MgO: ThO₂: KrO : 100: 10: 15; 3: 0.5 and prepared by the process described and claimed in our co-pending application No., 733/Del/89, in a fixed bed reactor at a temperature in the range of 215—260°C and at a space velocity of feed synthesis gas in the range of 350—650 h⁻¹, separating the end products by known methods..

(Comp. Specn. S pages; Drwng, sheet Nil.)

Ind. Cl. : 195 D 179799
Int. Cl.⁴ : G 05 D 166/00.

A PRESSURE FLUID MECHANISM SUCH AN A MOTOR OR A PUMP COUPLED TO A BRAKING DEVICE.

Applicant : POCLALN HYDRAULICS, A CORPORATION ORGANISED UNDER THE LAWS OF FRANCE.
SEZ B.P. NO. 12-62419 HERBLAIN, FRANCE

Inventor : ALAIN WILLIAM NOEL

Application for Patent No 1121/DEL/90 filed on 13-11-1990

Appropriate Office for Opposition Proceedings (Rule 4
Patents Rules, 1972) Patent Office Branch, New Delhi-
110 005.

10 Claims

A pressure fluid, mechanism such as a motor or a pump comprising :

a cam;

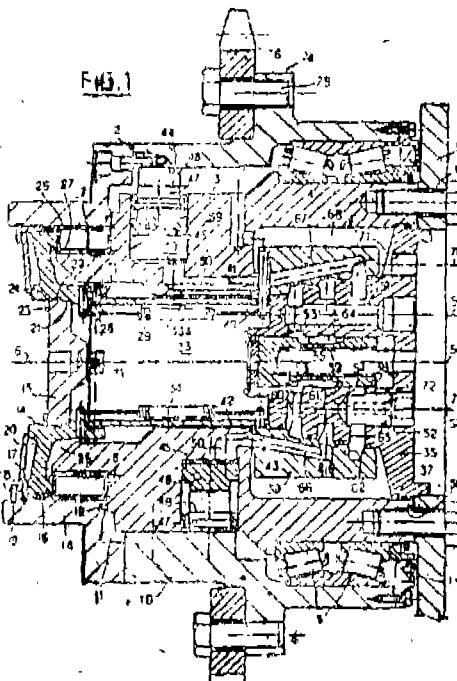
a cylinder block (3) rotatably mounted with respect to the cam (44) and comprising firstly a contrail void and secondly a plurality of cylinders each containing a piston suitable for bearing against said cam and delimiting a working chamber inside said cylinder, which cylinder block (3) further comprises an axial extension (4) enabling it to be fixed to a support such as a vehicle chassis.

-an internal fluid distributor valve (39) rotating with the cam (44) in said relative rotation by means of a link device (33) which extends inside said central voice of the cylinder block (3) in the opposite axial direction to the direction in which said extension of the cylinder block extends, said link device (33) extending beyond the corresponding end of said cylinder block (3) and itself rotating firstly with said cam (44) and secondly with said internal fluid distributor valve (39) as to the relative rotation between the cam and the cylinder block;

the cylinder block (3) and its extension constituting an assembly interposed between the cam and the internal fluid distributor valve (39);

wherein :

- (a) a braking device comprising a chamber (25) containing the disks (8) of a stack of brake disks and having a cover (40—50) disposed transversely relative to the axis of relative rotation, said braking device being disposed at the end of the mechanism towards which the link device (33) extends, the braking device being disposed between the cylinder block (3) and the cam (44).
 - (b) the link device (33) intrudes in link mechanism which rotates together with the cover (40—50) of said chamber containing the disks (8) as to the relative rotation and;
 - (c) the cover (40—50) of said chamber (25) containing the brake disks (8) rotates with said cam (44) as to said relative rotation.



(Compl. Specn. 15 pages. Drwngs. 4 sheets.)

Ind. Cl. : 202 C

179800

Int. Cl. : C 01 G 73/36.

AN IMPROVED PROCESS FOR THE PREPARATION OF FDA GRADE MICRO-CRYSTALLINE WAXES PARTICULARLY DEOILED WAXES.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAH MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY, INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors :

- (1) IOGENDRA SHAH BAHL
- (1) HIMMAT SINGH
- (3) UMESH CHANDRA GUPTA
- (4) DEEPAK TONDON.

Application for Patent No. 1175/DEL/90 filed on 27-11-1990.

Complete left after provisional specification on 18-09-91.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

5 Claims

An improved process for the preparation of FDA grade microcrystalline waxes particularly deoiled waxes which comprises of :

- (a) Charging a column with thermally activated bauxite having the following characteristics :

Appearance	Reddish
ASTM Mesh size	10.30
Bulk Density	0.93 gm/cc
Nitrogen pore volume	0.31 cc/gm
Xylene retention, pore volume	0.33cc/gm
Surface, area	197.0m ² /gm

- (b) Melting the microcrystalline wax to form a homogeneous liquid.
- (c) Pouring the molten wax into the percolator, containing the thermally activated bauxite, allowing sufficient time to wet, soak and settle by expelling any entrapped air.
- (d) Continuously percolating the molten wax through the column at temperature ranging between 80°-140°C and at the flow rate of 0.2 to 0.7 barrels/ton/hour and
- (e) Washing the bed with a petroleum distillate to remove any entrapped wax on the bed after the completion of the run to get FDA grade microcrystalline waxes

(Comp. Specn. 11 pages; Drwng. Nil.)
(Prov. Specn. 6 pages; Drwng. Nil.)

Ind. Cl. : 146 B 179801

Int. Cl. : B 43 L 9/04.

AN IMPROVED COMPASS DEVICE.

Applicant & Inventor : MAHESH MANOHAR BHAGNARI, BLOCK NO. A-168 ROOM NO 335 ULHAS-NAGAR-421 004, MAHARASHTRA, INDIA, AN INDIAN NATIONAL.

Application No. 171/Bom/1994 filed on Apr 21, 1994.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules 1972), Patent Office Branch, Mumbai-13.

5 Claims

1. An improved compass device comprising a flat wheat body having at its one end a pin fixed to act as a zero mark, the other end of the said flat sheet having a plurality of perforations 3 provided in a successive manner, that each said successive perforation is provided at a constant linear distance 4 more than the preceding perforation from said fixed pin.

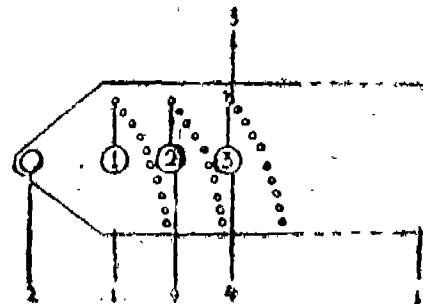


FIGURE - 1

(Compl. Specn. 5 pages; Drwng. 1 sheet.)

Ind. Cl. : 172 D2 [XX] 179802

Int. Cl. : D 01 H, 9/14.

DEVICE TO CONTROL PLURALITY OF OPERATIONS OF RING FRAME WITH REFERENCE TO TIME REQUIRED FOR OBTAINING FULL DOFF AND LENGTH OF YARN TO BE WOUND ON BOBBINS USED IN SPINNING PROCESS IN TEXTILE MILLS.

Applicants : NIYANTA ENGINEERING PVT. LTD. 202, MALATI COMPLEX, PAUD ROAD, ROTHRUD, PUNE-411029, MAHARASHTRA STATE, INDIA.

Application No. : 231/Bom/94 filed on 20-5-94.

Appropriate office for opposition proceedings (Rule A. Patents Rules. 1972), Patent Office Branch, Mumbai-400013.

1 Claim

Device to control plurality of operations of ring frame with reference to time required for obtaining full doff and length of yarn to be wound on bobbins used in spinning process in textile mills, comprising controller (24) consisting of power supply (25), the said power supply is meant for display, the central processing unit (CPU) (27) and input with the help of key board (29), commands are given to CPU (27), the CPU communicates with the memory and real time clock having a battery backup (32), the process signals are now fed to the output motor and then towards to the control panel comprising relays and motor control circuit which actuates the main motor (34), output of which is given to the drive of the ring frame (35), the said ring frame is provided with variety of sensors (36-40) such as delivery speed sensor, spindle speed sensor (37), doff limit such (38), ring rail bottom limit switch (39).

(Compl. Specn. : 8 Pages Drwgs. : 3 Sheet)

Ind. Cl. : 150 C XI VIII (1) 179803

Int. Cl. : F 16 L 11/04

IMPROVED PLASTIC PIPE FOR FARM AND/OR DRIP IRRIGATION SYSTEM.

Applicant & Inventor DILIP SHANTARAM DAHANUKAR, AN INDIAN CITIZEN INDUSTRIAL ASSURANCE BUILDING, CHURCHGATE, BOMBAY-400 020, MAHARASHTRA, INDIA.

Application No. : 391/Bom/94 filed on 12-8-94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

1 Claim

Improved plastic pipe for farm and/or drip irrigation system having a plurality of laterally spaced holes, each adapted to get slidably fitted therewithin a grommet fitted with a toothed connector on branch pipe characterised in that two diametrically opposite sides on inner peripheral wall of said pipe being flat matching with corresponding parallel flat faces on rubber grommet form airtight/leakproof seal on the respective holes and wherein the curved wall on said pipe section is having uneven wall thickness.

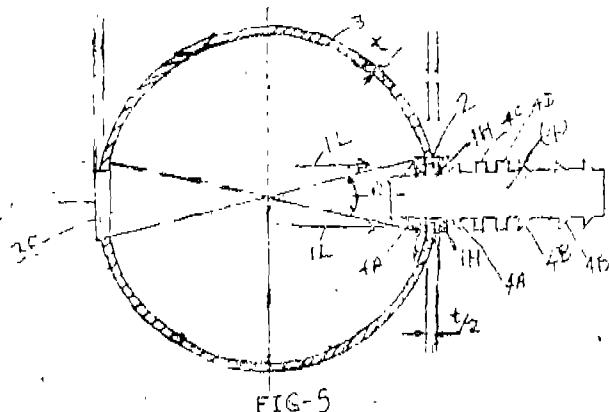


FIG-5

(Compl. Specn. : 11 Pages;;

Drwgs. : 2 Sheets)

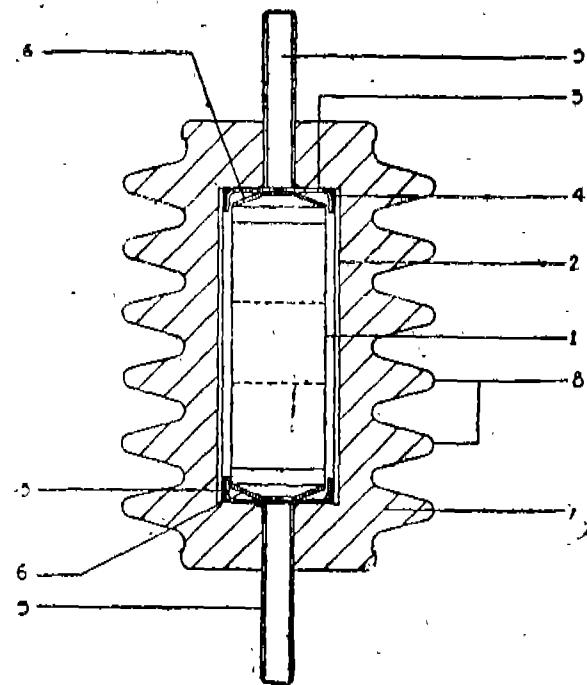


FIG-1

(Compl. Specn. : 12 Pages Drwgs.: 1 Sheet)

Ind. Cl. : 68 D. Gr. [LVII(3)]

179804

Int. Cl. : H 01 C—7/12; 8/04

A COMPACT ENCAPSULATED SURGE DIVERTER AND A METHOD OF MANUFACTURING THE SAME.

Applicants : CROMPTON GREAVES LIMITED AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT DR. V. B. GANDHI MARG, MUMBAI-400 023, MAHARASHTRA, INDIA.

Inventors : 1. THIRUVTLWAMALA PARAMESWARAN GOVINDAN, 2. DAMODARAN RAMACHANDRAN.

Patent Application No. : 454/Bom/94 filed on 14-9-94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

4 Claims

A compact encapsulated surge diverter consisting of a plurality of blocks of non-linear resistor elements stacked one above another in a mechanically strong and good electrically insulating and thermally conducting material tubular member in close contact therewith, a mechanically strong and good electrically and thermally conducting material and can³ mounted at each end of the tubular member and provided with a terminal fixed thereto, the blocks of non-linear resistor elements being spring loaded against the end cans and an encapsulating good electrically insulating, thermally conducting and mechanically strong and non-inflammable and non-porous material housing cast on the tubular member and end caps in close contact therewith, the terminals protruding out of the housing.

Ind. Cl. : 32 F 1 (d) Gr

[IX(1)]

179805

Int. Cl. : A 61 K - 31/44.

A PROCESS FOR THE MANUFACTURE OF 5-(DIFLUOROMETHOXY)-2-[3, 4-DIMETHOXY -2-PYRIDINYL]-METHYL] -1H-BENZIMIDAZOLE AND ITS SALTS, FROM A NOVEL SOURCE.

Applicants : UNICHEM LABORATORIES LTD, UNICHEM BHAWAN, SWAMI VIVEKANAND ROAD, JOGESHWARI (WEST), MUMBAI-400 102, MAHARASHTRA, INDIA.

AN INDIAN COMPANY REGISTERED UNDER INDIAN COMPANIES ACT, 1956.

Inventors :

- (1) DR. PRAKASH AMRUT MODI
- (2) DR. JAYANT KANAIYALAL MOTIWALA
- (3) SHRI CHANDRAKANT DURLABHAJI MEHTA.

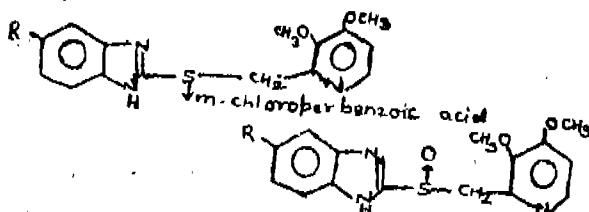
Patent Application No. 596/Bom/94 filed on 12-12-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972), Patent Office Branch, Mumbai-13.

02 Claims

A process for the manufacture of 5-(difluoromethoxy)-2-{(3,4-dimethoxy-2-pyridinyl)-methyl} sulfinyl]-1 H-benzimidazole and its salts, where in A solution of m-chloroperbenzoic acid methylene chloride is added dropwise to a solution of 5-(difluoromethoxy)-2-{(3, 4-dimethoxy-2-pyridinyl) methyl} thiol -1H- benzimidazole in methylene chloride at 50°C and the mixture is stirred at the stated temperature for a further 30 minutes then triethylamine added and the cold reaction mixture is stirred with 5% sodium carbonate solution, the organic phase is separated and aqueous phase is extracted 3 times with methylene chloride the combined organic phase washed with 5% sodium thiosulphate and

5% sodium carbonate solution and dried over anhydrous magnesium sulphate the solvent distilled off, and residue recrystallised from a mixture of methylene chloride and diisopropyl ether to afford crystalline plates (base), this also forms sodium salt.



where in R is difluoromethoxy group.

(Compl. Specn. 11 pages;

Drgs. Nil)

Ind. Cl. : 83 A1, B1 Gr. [XIV (5)] 179806

Int. Cl. : F 25 C—1/22; A 23 C—9/00

PROCESS FOR MAKING FRESH FRUIT JUICE WITHOUT ANY STABILIZERS/PRESERVATIVES.

Applicant & Inventor : DILIP SHANTARAM DAHANUKAR, AN INDIAN CITIZEN, INDUSTRIAL ASSURANCE BUILDING, CHURCHGATE, MUMBAI-400 020, MAHARASHTRA, INDIA.

Patent Application No. : 310/Bom/95 filed on 12-07-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), patent Office Branch, Mumbai-400 013.

3 Claims

1. A process for making fresh fruit juice without any stabilizers/preservatives being characterised by the steps

- allowing natural ingredients in peeled/unpeeled fruits to get completely adsorbed by first steaming and pasteurizing fruits before crushing into juice;
- filtering and bottling at ambient temperature said juice of step (a) in vacuum bottles/cans;
- sterilizing said vacuum packed bottles/cans of step (b) before deep freezing at temperature more than -20 deg.C;
- storing at consumer end in a freezer compartment of a refrigerator said vacuum packed packs of step(c) at temp, more than -20 deg. C. until ready for serving; and
- warming said frozen canned packs of step (d) at consumer end to ambient temperature before being served as dessert fruit juice or milk shake drink or making ice cream or rice fruit candy or ice fruit jelly, optionally said fruit juice being diluted with water, adding sugar and pinch of salt to taste and vigorously stirring to form natural fruit squash drink.

(Compl. Specn. : 7 Pages; DRWG. : Nil)

Ind. Cl. : 55 E₂ E₄ Gr. [XIX(I)] 179807

Int. Cl. : C 12 P—17/00; 17/02

A PROCESS FOR THE PRODUCTION OF A NEW CELL-WALL ACTIVE COMPOUND NAMED ARTHRICHITIN FROM A FUNGAL CULTURE ARTHRINIUM PHAEOSPERMUM (CORDA) ELLIS (CULTURE NUMBER HOECHST INDIA LIMITED Y-90,3022). ITS MUTANTS OR VARIANTS.

2-367 GI/97

Applicants : HOECHST MARION ROUSSEL LIMITED, HOECHST HOUSE, NARIMAN POINT, 193 BACKBAY RECLAMATION, MUMBAI-400021, MAHARASHTRA, INDIA.

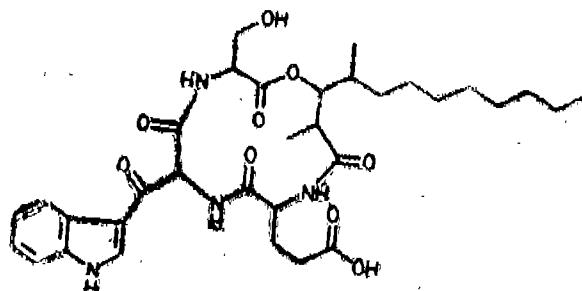
Inventors : 1. DR. KIRITY ROY, 2. ERRA KOTESWARA SATYA VIJAYAKUMAR, 3. SUNIL KUMAR DESHMUKH, 4. SUGATA CHATTERJEE 5. BIMAL, NAresh GANGULY.

Patent Application No. : 455/Bom/95 filed on 03-11-95.

appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013,

3 Claims

A process for the production of a new cell-wall formation inhibitor antibiotic arthrichitin of the structural formula shown in fig 1 of the accompanying drawings from a fungal culture Arthrinium phaeospermum (Corda) Ellis (Culture Number Hoechst India Limited Y-90, 3022). its mutants or variants, comprising cultivating the said fugal culture, its mutants or variants by fermentation under aerobic conditions in a nutrient medium of the kind herein described at 24 to 30° and pH 6.0 to 8.0 and isolating and purifying the arthrichitin from the culture broth.



(Compl. Specn. ; 12 Pages; Drwgs. : 4 Sheets)

Ind. Cl. : 83 A2 179808

Int. Cl. : A 23 G 9/00

ICE-CRÈAM INCLUSIONS.

Applicant : HINDUSTAN LEVER LTD., 165/166, BACKBAY RECLAMATION, BOMBAY-400 020. MAHARASHTRA, INDIA.

Inventors : 1. HELGA MANSON, 2 HANGKAM MAN, 3. FREDERICK WILLIAM SAIN, 4. LAURENTIUS FRANCISCUS J. VAN DONGEN.

Application No. : 501/Bom/1995 filed on November 30, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

13 Claims

Process for the preparation of ice-creams, containing inclusions, by incorporation of inclusions into an ece ice-cream and wherein the inclusions comprise a compact amount of a blend or of a blend, encapsulated in an edible layer and wherein the blend comprises

- a food-grade filler material and
- a fat.

wherein the fat display, a solid at content at the temperature indicated, measured according to NMR-pulse techniques on non-stabilized fat of :

N₂₀ 60

and

No 85

(Compl. Specn. : 14 Pages;

Drwgs. ; Nil)

Ind. Cl. : 32 F₂(b) [IX(1)] 4- 55E₄ 179809
Int. Cl. : A 61 K—31/55

AN IMPROVED PROCESS FOR THE MANUFACTURE OF CARBAMAZEPINE FROM A NOVEL SOURCE.

Applicants : UNICHEM LABORATORIES LTD., UNI-CHEM BHAVAN, SWAMI VIVEKANAND ROAD, JOGESHWARI (WEST), BOMBAY 400102, MAHARASHTRA, INDIA.

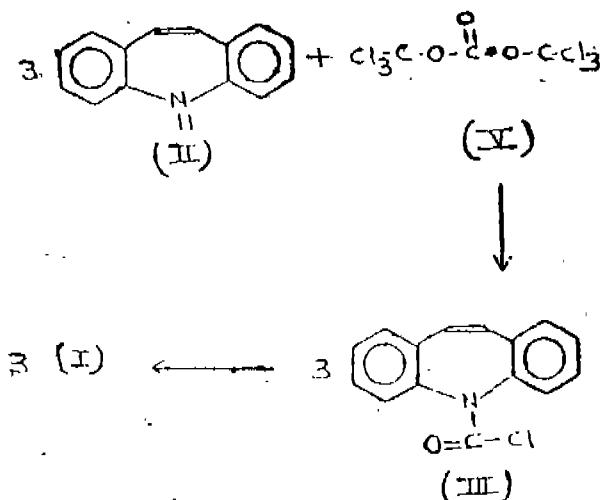
Inventors : 1. DR. PRAKASH AMRUT MODY 2. DR. JAYANT KANAIYALAL MOTIWALA.

Application No. : 55/Bom/96 filed on 29-01-96.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013

2 Claims

An improved process for the manufacture of Carbamazepine from triphosgene of formula (v) comprising reacting a solution of 5 H-dibenzo (b, f) azephine formula (II) in toluene with the said triphosgene (v) in presence of a Catalyst dimethyl formamide, the reaction mixture is boiled under reflux for 6 hours, the solvent removed under reduced pressure to afford crystalline residue of 5-chlorocarbonyl iminstilbene of formula (III) when is dissolved in methanol and further reacted with a 30% solution of ammonia gas in methanol at reduced temperature with constant stirring for 2 to 5 hours to afford SH-dibenzo (b, f) azepine-5-carboxamide commonly known as carbamazepine of formula (1),



(Compl. Specn. : 9 Pages;

Drwgs. : Nil)

IND CL : 55

E4

179810

INT CL : A 61 K 33/04, 33/21
A 61 K 35/78

A PROCESS OF PREPARING ANTI AIDS AYURVEDIC MEDICINE/ COMPOSITION.

Applicants : RAPTAKOS BRETT & CO LTD, DR ANNIE BESANT ROAD, WORLL MUMBAI-400 025, MAHARASHTRA, INDIA.

Inventor : SHYAM KHANNA.

Application No. 323/BOM/1996 Filed June 20, 1996,

Appropriate Office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.,

05 Claims

A Process of Preparing an Anti AIDS Ayurvedic Medicine/ composition comprising of :

(i) procuring of following herbs, as Per standard specifications :-

Sr. No.	Name of the Herb in Hindi	Corresponding Botanical Name
1	2	3
1.	Medasak (Roots)	Litsea glutinosa (Lour)
2.	Kshirkakoli (Roots)	Fritillaria roylei (Hook)
3.	Kukoli (Roots)	Lavangus acandens (Roxb)
4.	Payasvini (Roots)	Laptadenia reticulata (W. A.)
5.	Madhuk (Roots)	Glycyrrhiza glabra (Linn)
6.	LonashPami (Roots)	Teranous Labialia (Spreng)
7.	Endri (Roots)	Citrallus colocynthis (Schrad)
8.	Shatvirya (Roots)	Asparagus racemosus (Willd)
9.	Varahkarni (Roots)	Withania somnifera (Dunal)
10.	Bhutlata (Roots)	Nardostachya Jatamansi Dc
11.	Kanghi (Roots)	Abutilon indicum (Linn)
12.	Gandahpuma (Roots)	Beerhavia diffusa (Linn)
13.	Mahameda (Roots)	polygonatum cirrhifolium (Royle)
14.	Kshir bidari (Roots)	Iponoea digitata (Linn)
15.	Uragandha (Roots)	Acorus calamus (Linn)
16.	Samhalu (Roots)	Vitex negundo (Linn)
17.	Raktangika (Roots)	Rubia cordifolia (Linn)
18.	Sariva (Roots)	Hemidesmus indicus (R. Br)
19.	Safed Musli (Roots)	Asparagus adscendens (Roxb)
20.	Kali Musli (Roots)	Curculigo orchoides (Gaerin)
21.	Chitrak (Roots)	Plumbago zeylanica Linn (Roots)
22.	Pipplimul (Roots)	Piper longum (Lian)
23.	Neem (Bark)	Azadirachta indica (A juss)
24.	Amrita (Stems)	Tinospora Cordifolia (Willd) Miers.
25.	Triphate (Dried Fruits)	i) Emblica officinalis (Gaerin)
26.	Bhamirang (Fruit)	ii) Terminalia bellerica (Rozb)
27.	Rajadan (Fruits)	iii) Terminalia chebula (Retz)
		Embelia ribes (Burm f)
		Alstonia Venenatus (Brown)

1	2	3
28.	Tal (Fruits)	Borassus fiabellifer (Linn)
29	Pippali (Fruibs)	Piper longum (Linn)
30.	Kapikachhu (Seeds)	Mucuna Prurita (Hook)
31.	Utangan (Seeds)	Blepharis edulla (pers)
32.	Gokhra (Seeds)	Tribulus terrestris (Linn)
33.	Shudda Kuchia (Seeds)	Strychnos-nur-vomica (Lian)
34.	Bhilava Giri (Seeds)	Semicarpus anacardim(Lian)
35.	Mandukparni (All Parts)	Centella asiatica (Lian)
36.	Triparni (All Parts)	Desmodium gangeticum (De)
37.	Brahnu (All Paries)	Bacopa monnieri (Linn)
38.	Shravni (All Parts)	Sphaeranthus Indicus (Lian)
39.	Kirat (All Parts)	Sweris chirayita (Roxb)
40.	Kshirpushpi (All Parts)	Convolvulus pluricaulia (Cholsy)
41	Shalmall (All Parts)	Salmalia malabarica (DC)
42.	Draksha (Fruit)	Vitla vinifera (Linn)
43.	Rasent (extract)	Berberis aristata (DC)

Procuring of following bhasmas as Per standards specificatines

Sr. No.	Name of the Sharmas in Hindi	Corresponding Name	English
1	2	3	
44.	Abbrak Bhasma (Sahaaraputi)	Mica Ash	
45.	Suvarna Bhasma	Gold Ash	
46.	Rajata Bhasma	Silver Ash	
47.	Kant Lohā Bhasma	Iron Ash	
48.	Bang Bhasma	Tin Ash	

Procuring of following kalpus. as

49.	Tal Siudur (Compound of Fellow Arsenic, Mercury and Sulphur)	per standard specifications ;
50.	Rasa Sindur (Compound of Mercury and Sulphur Processed in herbs in known/standard manner)	
51.	Makaradwaja (Compound of Mercury and sulphur)	
52.	Shuddha Shilajit	purified Mineral pitch
53.	Shuddha Gandhak and	purified Sulphur

Procuring of following minerals as per standard specifications

52.	Shuddha Shilajit	purified Mineral pitch
53.	Shuddha Gandhak and	purified Sulphur
54.	Procuring of Rudraksh ash;	

(ii) disintegrating each of the said herbs as given in above Para (i) at Sr. No. (1 to 41) in the disintegrator, separately and pulverising the same in the pulveriser to form the powder of 10 mesh sieve size to 30 mesh sieve size, pulverising the Rassont (extract) at para (i) Sr. No. 43 to form a Powder of 10 mesh sieve size to .30 mesh sieve size;

(iii) mixing the powders of herbs with the powder of 'Rassont' (extract) in (Predetermined/desired as described hereinabove) proportions and filling the mixture in cotton bag(s), adding 'Draksha' (whole fruits) at para(i)Sr. No. 42 to the said mixture In the bag(s). In (predetermined/desired as described hereinabove) Proportion;

(iv) Keeping the said cotton bags filled with Powder of herbs, 'Rassont' (extract) and Draksha (whole fruits) in the jacketted Pan, adding water about & Time the weight of this mixture and heating the same atleast at 100°C till 75 % of water contents gets evaporated and the remaining aqueous extract is filtered with filter Press;

(v) adding the preservative i.e. Sodium Benzoate into the aqueous extract obtained by step (iv) above and again heating the same atleast at 100C, to form semi solid aqueous herbal extract;

(vi) mixing the said semi-solid aqueous herbal extract obtained by above Process/step (v) with bhasmas, kalpas, Shuddha Shilajit, Chuddha Gandhak and Rudraksh ash, in (Pre-determined/desired as described hereinabove) Proportion under continuous alteration, to obtain homogeneous mixture;

(vii) drying the said homogeneous mixture obtained by the above step (vi) in a vacuum drier, at low temperature, to reduce the moisture content below 3 %.

(viii) pulverising the dried mass obtained from the above step (vii) in the Pulveriser and selving, the same through a 60 mesh selse size to obtain an active ingredient of Anti-AIDS Ayurvedic medicinal powder.

Complete Specification—20 pages,

Drawings—NIL.

Cl. : 39 E

179811

Int. Cl.⁴ : C 01 B 35/12. C 08 K 03/38

A METHOD OF PRODUCING NOVEL CRYSTAL-LINE ZINC BORATE.

Applicant : U. S. BORAX INC., OF 26877 TOURNEY ROAD, VAALENCIA, CA91355-1847, UNITED STATES OF AMERICA.

Inventor : DAVID MICHAEL SCHUBERT.

Application No. : 821/Cal/92 filed on 9th November, 1992.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A method of producing a novel crystalline zinc borate of the formula $4\text{ZnO B}_2\text{D}_3 \text{ H}_2\text{O}$ which comprises reacting zinc oxide with boric acid in a mole ratio of about 2:1 in an aqueous solution at about the boiling point of the mixture, thereby forming said crystalline zinc borate, and separating said crystalline zinc borate from said aqueous solution.

(Compl. Specn. : 19 Pages;

Drgns. : Nil)

Cl. : 32

A₁

179812

Int.Cl.⁴ : C 09 B- 33/153, 63/00

"A PROCESS FOR THE PREPARATION OF A DISAZO COMPOUND USED AS A WATER INSOLUBLE COLO-RANT."

Applicant : HOECHST AKTIENGESELLSCHAFT OF D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUB, LIC OF GERMANY.

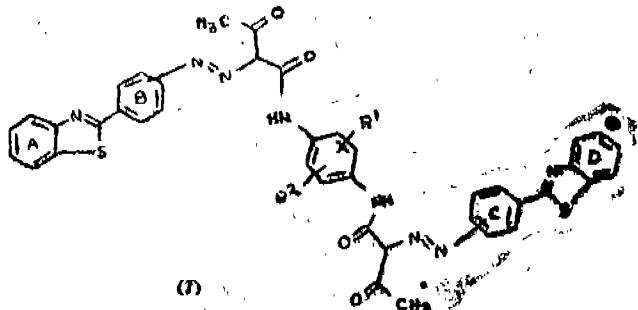
Inventors : 1. RUDIGER JUNG 2. JOACHIM WEIDE 3. HANS JOACHIM METZ.

Application No. : 347/Cal/1993 filed on 21st June. 1993.

appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office. Calcutta.

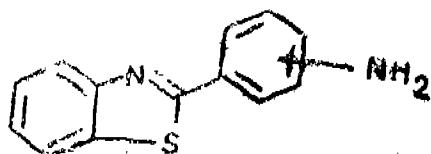
7 Claims

A process for the preparation of a disazo compound used as a water insoluble, colorant of the formula. I ;

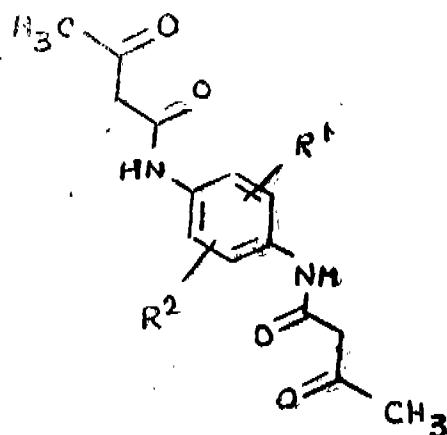


in which R¹ and R² are identical or different and are a hydrogen or halogen atom Or a C₁-C₄ -alkyl, C₁-C₄ -alkoxy, C₁-C₅ -alkoxycarbonyl, nitro, cyano or trifluoromethyl group and the rings A, B, C and D independently of one another are unsubstituted or contain one or more substituents from the group comprising C₁C₄ -alkyl, C₁-C₄ -alkoxy, carboxyl, C₁-C₅ -carvalkoxy C₂C₅ -alkanoyl, benzoyl, acyloxy, acylamino unsubstituted or N-mono- or N, N-disubstituted carbamoyl or unsubstituted or N-mono- or N, N-disubstituted sulfamoyl, possible substituents being C₁-C₄ -alkyl or mono- to trisubstituted phonyl; C₁-C₄ -alkylamino or phenylarnino; C₁-C₄-alkylsulfonyl or ,phenyl-sulfonyl; Phenylsulfonylamino; cyano; halogen, nitro and

trifluoromethyl, which comprises diazotizing a known manner one or more different, preferably one or two, amines of the formula (III)



in which the aromatic rings are unsubstituted or are substituted in accordance with formula (I), and reacting the diazotization product in aqueous or aqueous/organic medium with 0.45 to 0.55 mol, preferably with 0.50 to 0.53 mol, per mol of amine of the formula (III) with one or more different coupling components of the formula (IV)



wherein R¹ and R² are as defined above, by azocoupling in a known manner.

Compl, Speci—28 pages

Drgns —NIL

Cl. : 150 C

179813

Int. Cl.⁴ : F 16 L 33/02.

"CLAMP COUPLING AND PREPARING MEANS".

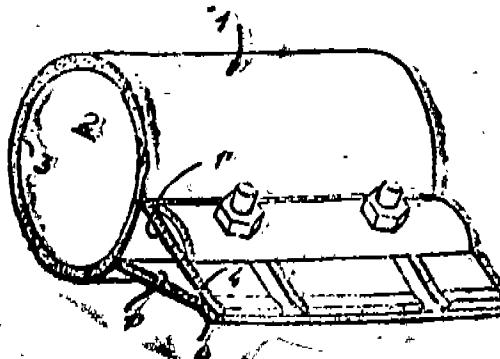
Applicant & Inventor : ELIEZER KRAUSZ, OF 10 SOUTINE STREET, TEL AVIV, ISRAEL.

Application No. : 478/Cal/1993 filed on 19th August, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972) Patent Office, Calcutta.

3 Claims

A clamp coupling and repairing means for fluid conducting pipe and hose conduits comprising a relatively wide metal band (in relation to the diameter of the respective conduit), such band being bent to form a circular sleeve like structure, two free edges of said band being extended and bent radially outwardly, two complementary plates being provided for reinforcing said extensions, throughgoing holes being provided in the said outwardly extended edge portions, bolts passed through the said holes, nuts screwed onto said bolts pressing the said extended portions against one another, thus spanning fast the said sleeve around the respective conduit, asherein described and illustrated.



(Compl. Specns. : 07 pages;

Drgns.: 04 Sheets)

Cl. : 128 A

179814

Int. Cl. : A 61 L 15/06.

"A SURGICAL DRESSING USED IN IV CATHETER".

Applicant : MCNEIL-PPC, INC., OF VAN LIEW AVENUE, MILLTOWN, NEW JERSEY 08850, UNITED STATES OF AMERICA.

Inventors : (1) TERESA HADDOCK,
(2) ARTHUR S. HILL, AND
(3) SHMUEL DABI.

Application No. : 503/Cal/1993 filed on 1st September, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972) Patent Office, Calcutta.

12 Claims

A surgical dressing, used for example, in IV catheter which consists of a hydrophilic film which carries an adhesive, layer for securing the dressing to the human body, wherein :

(a) said film is continuous, has a hydration rate of at least 0.1 g/in²/min., becomes saturated when in contact with water in at least 3 minutes and which when in contact with water has a higher moisture vapor transmission rate (MVTR) than when in contact with moisture vapor; and

(b) said adhesive layer is porous and has an open area of 3-10% of the surface area of the adhesive, and said adhesive allows access of water to the film when water is in contact with said adhesive layer.

(Compl Specns. : 17 pages;

Drgns. : 01 Sheet)

Cl. 40 F.

179815

8 Claims

Int. Cl⁴ : B 01 J 19/08.

"A SODIUM HYPOCHLORITE GENERATION-STORAGE APPARATUS".

Applicant : DE NORA PERMELEC S P.A., DF VIA BISTOLFI 35-20134 MILANO, ITALY.

Inventors : (1) SERAIFINI GIORGIO,
(2) MARTELLO ROBERTO.

Application No. : 515/Ca!/1993 filed on 6th September, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972) Patent Office, Calcutta.

21 Claims

A sodium hypochlorite generation-storage apparatus comprising :

- (a) at least one tank 1 provided with an open-to-the-air upper section for feeding the fresh sodium chloride solution and a level mark 2 for the solution, a bottom 7, one drain valve 6 for drainage of hypochlorite formed, support 8 for supporting the tank 1 and a zone for the separation of the hydrogen gas/solution mixture above said level mark;
- (b) at least one pair of electrodes connected to an external direct current power source through connections 9 said electrodes having separators disposed in-between having at least one cathode 10 the evolution of hydrogen gas connected to the pole of said power source and at least one connected to the positive pole of said power and provided with an electrocalalytic coating generation of chlorine;
- (c) a unit having a tubular body promoting circulation of the solution over the electrodes based on hydrogen gas left;

characterized in that

said device positioned inside said tank comprises support plate 15 fitted onto the bottom of the tank

two gaskets 14 ensuring hydraulic seal of said tank bottom and the support plate;

a lower portion 3 of the tubular body provided with opening 4 for the in-flow of the substantially gas-free solution ;

an upper open portion 5 of said tubular body for the discharge of the hydrogen gas/solution mixture and said lower portion 3 surrounding said electrodes.

(Compl. Specs. : 25 sheets;

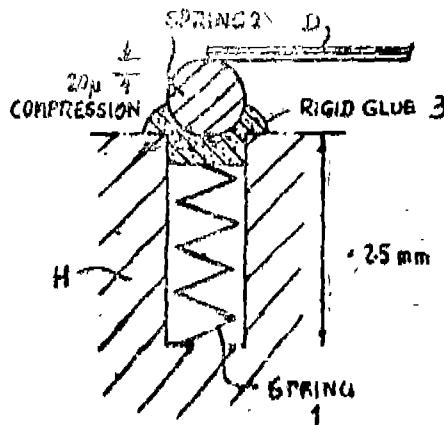
Drgns:Nil)

A valve comprising

a valve seat number ;

a movable member towards and away from the valve seat member to close and open the valve and

a multiple component sealing element made from a resilient material and attached to one of the valve seat and movable valve members preferably a piezo electric disc comprising a substrate having a layer of piezoelectric ceramic applied to at least one face thereof, the sealing element possessing an initial deformable characteristic and a deformed retention characteristic the deformable characteristic being such that initial closure of the valve causes the sealing element to substantially conform to the shape of the other member and the deformed retention characteristic being such as to cause the sealing element to remain the so conformed shape.



(Compl. Specs. : 7 Sheets ;

Drgns

: Nil)

Cl.

110

179817

Int. Cl⁴ : D 04 B 17/02

METHOD AND APPARATUS FOR SEAMING TWO EDGES OF A KNITTED TUBULAR ARTICLE UPON COMPLETION THEREOF".

Applicant : FABRIC AND MANUFACTURING PRINCIPLES INC., OF 704, EAST MCBEE AVENUE, GREENVILLE, SOUTH CAROLINE 29601-3027 UNITED STATES OF AMERICA.

and

CONTI FLORENTIA S.R.L., OF VIA DELLE FONTI, 50010 SCANLICCI (FLORENCE) FRACT BADIA A SETTIMO, ITALY.

Inventors : (1) ALBERTO FUULLINI,
(2) PAOLO FRULLINI.

Application NO. : 594/Cal/93 filed on 6th October,

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule 1972) Patent Office Calcutta.

28 Claims

Method for scanning two edges of a knitted tubular article, especially a sock comprising the step of manufacturing a tubular article with a single - cylinder circular machine, starting from the elastic hem and finishing at the side of the toe which is left open said method comprising the step of

- (a) lifting a predetermined number of needles (3) of a first semirank by holding the relevant stitches by means of sinkers (6) up to the removal region (31

Cl:195 D

179816

Int. Cl⁴ ; F 16 K 1/42.

"A VALVE PARTICULARLY SEALING VALVE AND METHOD OF FORMING THE SAME". VALVE AND

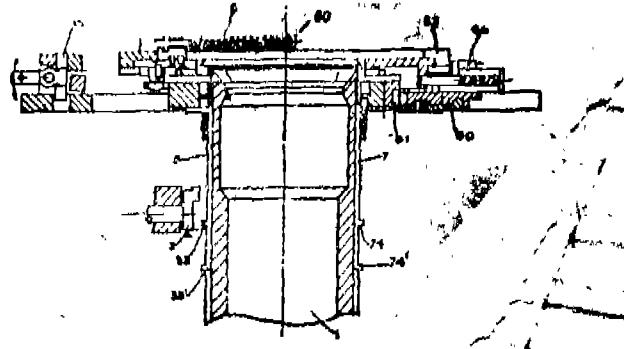
Applicant : AB ELECTROLUX, OF LUBACKEN S-10545 STOCKHOLM, SWEDEN.

Inventors : (1) PETER WILLIAM WORRALL
(2) ADRIAN MICHAEL WOODWARD.

(Convention No. 9219474.5 on 15-9-1992 in U.K)

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule 1972) Patent Office Calcutta,

- (b) lifting further up said needles (i) of said first, semirank, with the sinkers (6) being open, to dispose the corresponding stiches (8) to a level suitable for the removal thereof;
- (c) lifting a predetermined number of needles (7) together with the stiches (8) of a second semirank at the same level as the first semirank;
- (d) removing the stiches (8) of said semirank by means (4, 13) provided for the transfer thereof onto corresponding needles (7) of the other semirank;
- (e) lowering said needles (3) of the first semirank;
- (f) transferring the thus removed stiches (8) through a 180° overturning about an horizontal diametral axis of the needles cylinder (1), so that each stich (8) thus transferred will fit, the corresponding needles (7) of the second semirank;
- (g) lifting the needles (7) of the second semirank so as to kind the transferred stiches (8) of the first semirank and release them from the relevant transfer means (4, 13);
- (h) placing the pairs of superimposed stiches (8, 80) of each needles (7) of the refund semirank tightly juxtaposed and coaxial, so as to result suitable for hook-up;
- (i) lifting further the needles (7) of the second semirank with the stiches (8, 80) thus juxtaposed up to the hook-up level;
- (j) rotating the needles cylinder (1) with intermittent motion and inserting, step by step, a hook-up (darning) needle (9) into a pair of thus lifted stiches by feeding it, without solution of continuity, with the thread (F) used for the knitting of the article and then removing it to form a plain hook-up chain-stitch;
- (m) making two or more closing knois (I, II) after having executed the last hook-up, stich;
- (n) performing the cut of thread (F);
- (o) lowering the needle (7) of said second semirank down to its cast off position to unload the thus finished article.



(Compl. Specns.: 47 pages; Drgns. 30 Sheets)

Cl. 160 C

179818

Int. Cl.⁴ : B 60 S 1/42.**"AIRFOIL FOR A WINDSCREEN WIPER BLADE**

Applicant: TRICO LIMITED, OF PONTYPOOL GWENT NP4 0XZ, WALES, (FORMERLY TRICO-FOLBERTH LIMITED, GREAT WEST ROAD BRENTFORD, MIDDLESEX, ENGLAND)

Inventors: (1) STEVEN ANDREW MOTE,
(2) ANTHONY JOHN HORNE.

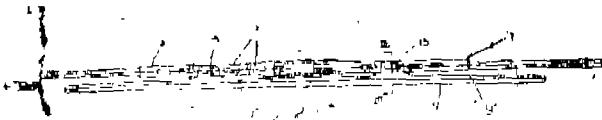
Application No. : 714/Cal/93; filed on 23rd November, 1993.

(Convention No. 92 24679.2; on 25-11-92; in U.K.).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office Calcutta.

4 Claims

An airfoil (9) for a windscreens wiper blade (1) comprising a vane (9) intended to lie along side the blade on the side of the blade intended to be upstream of the air flow over the vehicle in use, the vane (9) being provided at its edge away from the windscreens with at least two clip members (15) extending from the vane (9) and which are intended to pass through apertures (7) in the base of the main yoke (3) of the windscreens wiper blade (1), characterised in that the dips (15, 15') of parts thereof are flexible and resilient with respect to the vane (9) and are movable or have parts movable thereon for engagement under the edges (29) of the apertures (7) so as to retain the air-foil (9) in place wherein clip (15) has a slot (27) facing outwardly in the longitudinal direction of the windscreens wiper blade (1), the slot (27) being intended-to receive the edge of the aperture (7) in the main yoke (3), assembly of the airfoil (9) on the main yoke (3) being achieved by flexing of airfoil (9) itself and, wherein clip (15) is provided with resilient outward facing projections (43) which cooperate with a head portion (41) of the clip (15') and between which the edges of the apertures (7) in the main yoke (3) of the windscreens wiper blade (1) pass, the arrangement being such that the resilient projections (43) can be pushed together to allow them to be passed through the apertures (7), the projections (43) then being released so as to move outwards and lie under the edges of the apertures (7) in the main yoke (3) of the windscreens



(Compl. Specns: 11 pages Drgns : 2 Sheets)

Int.Cl⁴: A 47 C 1/02.**A MODULAR RECLINING CHAIR AND THE METHOD OF MANUFACTURE THEREOF**.

Applicant: LA-Z-BOY INCORPORATED, OF 1284 NORTH TELEGRAPH ROAD, MONROE, MICHIGAN 4814161, UNITED STATES OF AMERICA.

Inventor: (1) LARRY PATRICK LAPONTE,
(2) JONATHAN ROBERT SAUL,
(3) KARL JOSEPH KOMORWSKI.

Application No. : 179/Cal/94; filed on 18th March, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, patent rule 1972) Patent Office Calcutta.

72 Claims

A method for manufacturing a reclining chair comprising: providing means defining a chair frame having side frame members interconnectable with first and second cross rail members.

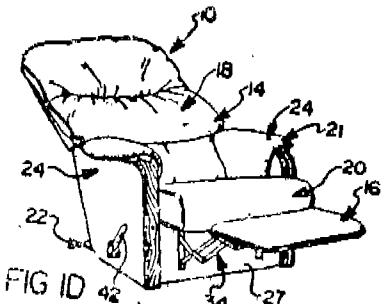
suspending said first cross rail member from an actuation mechanism;

suspending said actuation mechanism between said side frame members;

interconnecting said first and second cross rail members with said side frame members;

pivots interconnected a seal and seat back and

operably connecting said interconnecting a seat and seat back to said chair frame for reclining movement.



(Compl. Specns. : 64 pages; Drgns. : 9 Sheets)

Cl. : 55 F 179820

Int. Cl.⁴ : C 12 N 09/10.

"A PROCESS OF SELECTIVELY ACYLATING INSULIN ANALOG HAVING A FREE AMINO GROUP".

Applicant : ELI LILLY AND COMPANY, OF INDIANAPOLIS, STATE OK INDIANA. UNITED STATES OF AMERICA.

Inventors : (1) JEFFREY CLAYTON RAKER,
 (2) VICTOR JOHN CHEN,
 (3) AIDAS VLADAS KRIAUCIUNAS.
 (4) BRIAN ALDEN MOSER,
 (5) JOSE MICHAEL HANQUITER, and
 (6) ROBERT THEODORE SHUMAN.

Application No. : 1452/Cal/1995 filed, on 14th November, 1995.

(Convention No. 08/341,231 on 17-11-94).

Appropriate Office for Opposition proceedings (Rule 4, patent rule 1972) Patent Office Calcutta

11 Claims

A process of selectively acylating proinsulin, insulin, or an insulin analog having a free-amino group and a free g-amino group with a fatty acid, which comprises reacting the E-amino group with a soluble activated fatty acid ester such as herein described in a semi-aqueous polar solvent such as herein described at a pH from 9.0 to 12.0,

(Compl. Specns. : 19 pages; Drgns. Sheet: Nil)

RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 172807 granted to GEC Alsthom India Limited for an invention relating to "an electromagnetic overcurrent sensor".

The Patent ceased on the 18th October, 1995 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 11th March, 1996.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 13th February, 1998 under Rule 69 of the Patents Rules, 1972." A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act 1970 for the restoration of Patent No. 173176 granted to Lubrizol India Ltd. for an invention relating to a process for the production of a lubricating oil additive based on mineral oil concentrate of novel oil etc".

The Patent ceased, on, the 31st October, 1996 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 29th November, 1997.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents The Patent Office, Nizam, Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jngadish. Bose Road, Calcutta-700 020 on or before the 13th February, 1998 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case find the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act. 1970 for the restoration of Patent No. 173737 granted to Lubrizol India Limited for an invention relating to "a lubricating-oil composition based on mineral oil concentrate of novel oil soluble partly aminated etc".

The Patent ceased on the 31st October, 1996 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 29th November, 1997.

Any interested person may give notice of opposition to the resoration by leaving a notice on Form 32 in-duplicate, with the Controller of Patents. The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor., 234/4, Acharrya Jagadish Dose, Road, Calcutta-700 020 on or before the 13th February, 1998 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the oppenents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with, the notice or within one month, from the date of the notice.

Notice is hereby given than an application for restoration of Patent No. 173955 dated the 13th Sept., 1991 made by GANESH GANGADHAR DHAKAP on, the 20th March, 1997 and notified in the Gazette of India, Part III, Section 2, dated the 31-05-1997 has been allowed and the said Patent restored.

Notice is hereby given that art application was made under Section 60 of the Patents Act. 1970 for the restoration of Patent No. 174047 granted to Gokhnle. K. G. & Mardhekar, D. V. for on invention relating to "an improved traffic control signal having duration indicating means".

The Patent ceased on the 13th January, 1997 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 29th November, 1997.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents The Patent Office, Nizam Palace 2nd M.S.O, Building 5th, 6th & 7th Floor, 234/4 Acharya Jagadish Bose Road. Calcutta-700 020 on or before the 13th February, 1998 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the farts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

OPPOSITION PROCEEDINGS,

An Opposition has been entered by Ship Subbiah Sivanesan on Patent Application No. 178047 (219/MAS/91) made by Sumeet Research & Holdings Ltd., Madras',

PATENT SEALED ON 13-11-1997

174155 176915 177190 177564 177583 178016*D 178218*D
 178219*D 178220*D 178221 178222 178223 178224 178225
 178226 178227 178228 178229 178230 178231 178232
 178233* 178234* 178235 178236* 178237 178238 178239
 178240 178241* 178243* 178244* 178245 178247 178248
 178249* 178250 178251 178252

CAL-21, DEL 13, MUM 04, CHEN-01.

Patent shall be deemed to be endorsed with words "LIGENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealine.

D—Drug Patents.

REGISTRATION OF DESIGNS

The following designs have been Registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. No. 173586, Chandra Sekhara Subramanian Narayan, of Metro Metal "Printers Pvt. Ltd., Chakravarthy Ashok Marg, Kandivili (E) Mumbai-400 101, Maharashtra, India, "METAL CAPS", 8th April 1997.

C1 Class 3. No. 172372, Eastern Medikit Ltd., N-22, Greater Kailash Part-I, New Delhi 48, India, "I. V. CAN-NULA WITH WINGS & PROJECTION", 15th October 1996.

Class 3. No. 172294, Creative Wares Ltd., of 8/1, Middleton Row, 1st floor, suite No. 8, Calcutta 71, West Bengal, India, "CONTAINER", 23rd September 1996.

Class 3 1 No. 172238, Fancy Fitting; Ltd., of 259/145 Minerva Industrial Estate, 2nd floor, Sewri Bunder Road, Sewri (B), Mumbai 15, Maharashtra, India, "SIDE LOCK", 23rd September 1996.

Class 4. No. 172253, Daya Shanker Gupta, trading as Gupta Lamp Industries, Gali No. 9, House No. 138, Mohalla Kotla, Firozabad, UP, India, "KERO SHNE LAMP", 25th September 1996.

Class 10. No. 172131, Fraternity International, an Indian Regd. Partnership concern of 16/7, Sadar Bhatti Grossing, Agra (UP), India, "SOLE FOR FOOTWEAR", 12th September 1996.

Class 10. No. 172319, Jason Foot-Care sole proprietary concern of B 321, Seagrace, 2nd floor, Near Shanti Aahrnm, I. C. Colony, Borivali (W), Bombay-400 103, Maharashtra, India, "INSOLE", 7th Oct. 1996.

Class 10. No. 172-135, Wadhwa Sales Corporation of R. P. Complex, Meera Hassaini Rd., Sadar Bhatti, Agra, UP, India, an Indian Proprietary concern, "SOLE, OF FOOTWEAR", 22nd October 1996.

Class 10. No. 172343, API Polymers (India) Ltd., J 17, Udyog Nagar, NEW Ddhi-110 041, India, "SHOE SOLE", 10th October 1996.

Class 10. No. 172250, Kay Vee Footwear, C 181, Naraina Ind. Area, Phase I, New Delhi, an Indian proprietary concern, "FOOTWEAR (CHAPPAL)", 25th September 1996.

Class 12. No. 172251, Britannia Industries Ltd., of 5/1A, Hungerford St., Calcutta-17, W. Bengal, India, "BISCUIT", 25th September 1996,

T.R. SUBRAMANIAN
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